

FIGURE 1

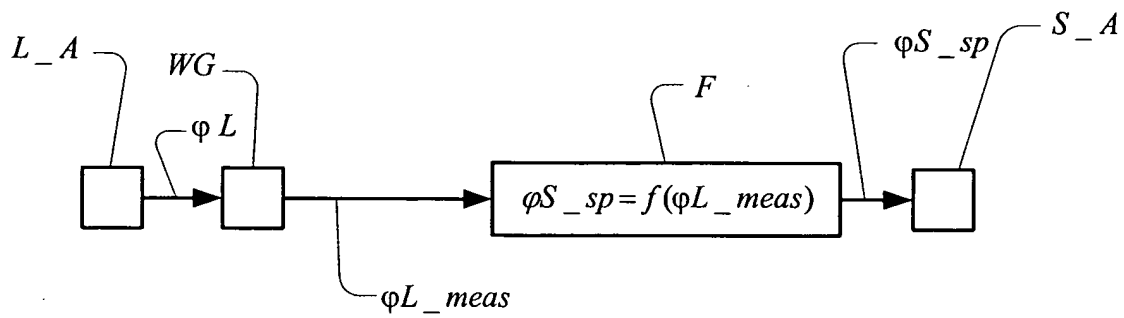
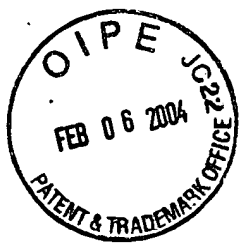


FIGURE 2

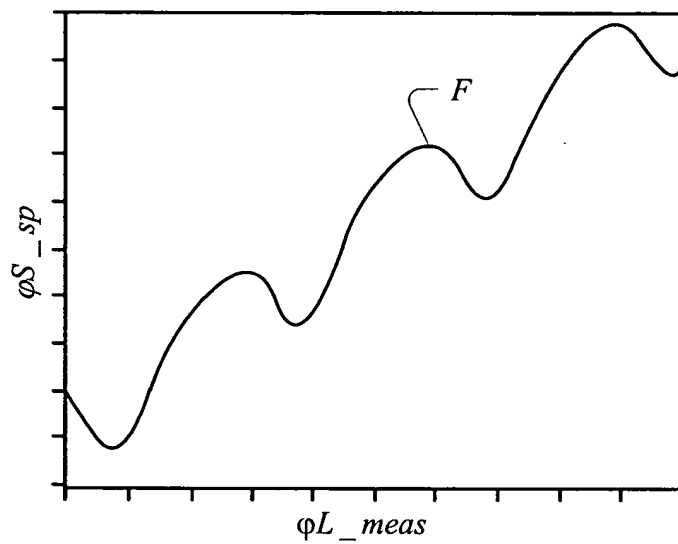


FIGURE 3

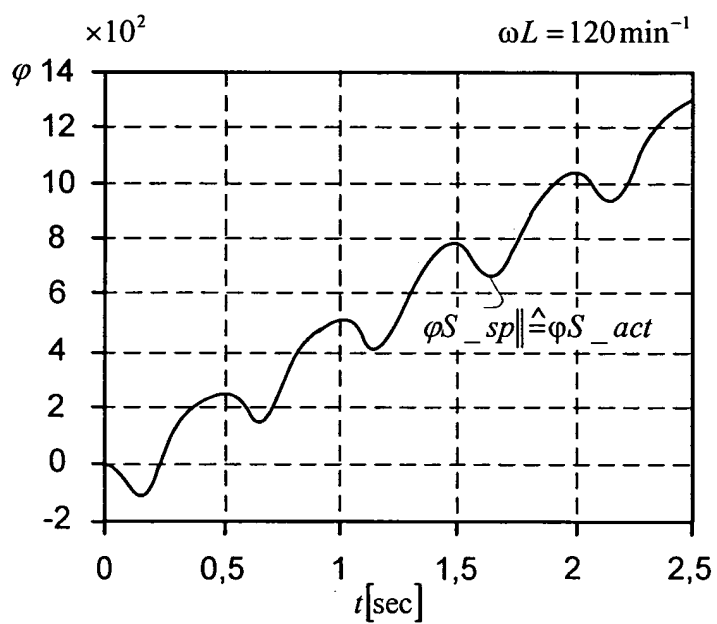


FIGURE 4

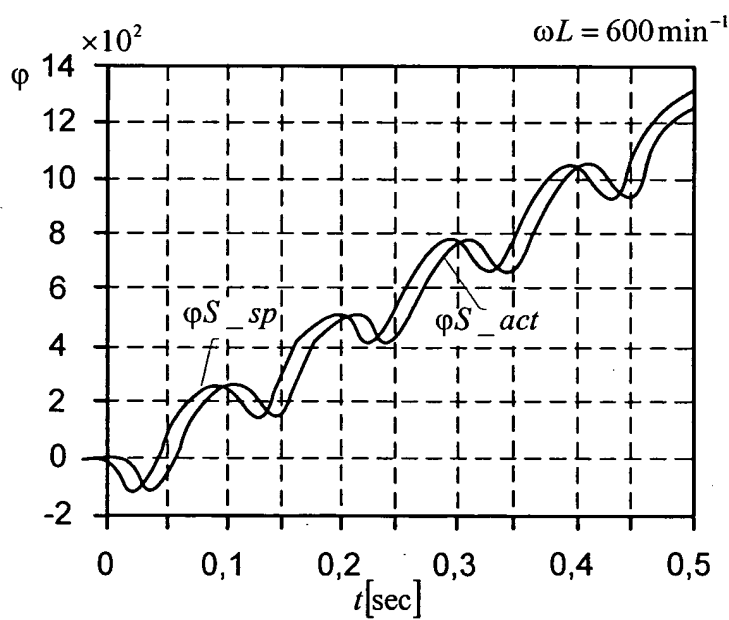
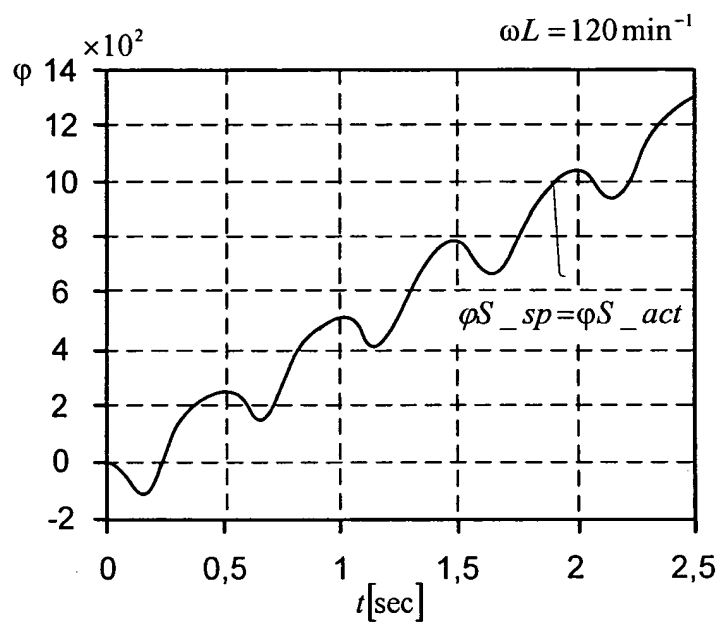


FIGURE 5



$$\phi S_{sp} = \phi S_{act}$$

FIGURE 6

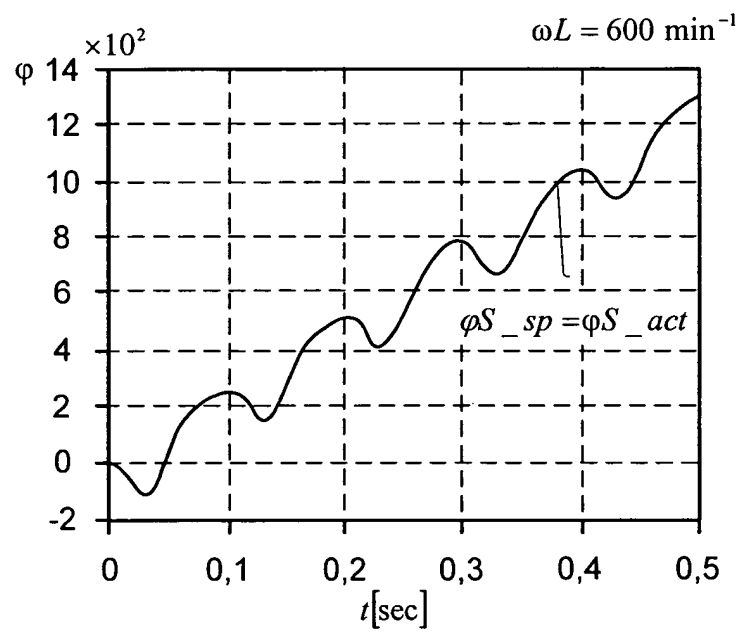


FIGURE 7